

## Curriculum Vitae

### *Name, Title, Institution and Location*



Giuseppina D'Ottavio, MD, Department of Obstetrics and Gynecology, Prenatal Medicine Unit, Institute of Child Health IRCCS, Burlo Garofolo, via Dell'Istria, 65/1, Trieste, 34137, Italy.

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### *Present Position*

1981-1999 Registrar in Obstetrics and Gynecology, Institute of Child Health IRCCS, Burlo Garofolo, Trieste, Italy

2000 - 2010 Head of Prenatal Medicine Unit, Dept. of Obstetrics and Gynecology, Institute of Child Health IRCCS, Burlo Garofolo, Trieste, Italy

### *Education/ Training*

1973-1975 Predoctoral Trainee in General Surgery, Sacred Heart University Rome, Italy

1977 Degree in Medicine and Surgery, Sacred Heart University Rome, Italy

1981 Postdoctoral fellow in Obstetrics and Gynecology, University of Trieste, Italy

1981 Stage of Ultrasound in Obstetrics and Gynaecology **Kaifes Hospital, Zagreb Croatia** (prof. A. Kurjak)

1985 Stage of Fetal Echocardiography, **Ziekenhuis Dijkzigt, Rotterdam Netherlands** (prof. J. Wladimiroff)

1992 Stage of Fetal invasive procedures **University of Munster, Germany** (prof. W. Holtzgreve)

### *Specific Clinical Activity*

1990 Referent for fetal malformations and chromosomal abnormalities

2003 Referent for fetal MRI and 3D ultrasound in obstetrics and gynecology

### *Professional Affiliations*

Italian Society for Obstetrics and Gynecology

Italian Society for Obstetric and Gynaecologic Ultrasound (vicepresident 1994-1996)

International Society of Ultrasound in Obstetric and Gynecological

Fetal Medicine Foundation, London, UK. (vicepresident FMF Italy, 1998-1999)

### ***Other duties***

2001-2010 Member of Ethical Committee of IRCCS Burlo Garofolo Children Hospital, Trieste, Italy

2001-2010 Member of educational committee of Medical Genetics postgraduate school University of Trieste

2007- 2010 Teacher and tutor in the school of I and II level ultrasound in Obstetrics and Gynaecology, Institute of Child Health IRCCS, Burlo Garofolo, Trieste, Italy

2009 teacher in the Master "multidisciplinary studies of children development" Reproductive Department Institute of Child Health IRCCS, Burlo Garofolo, Trieste, Italy

2009 - 2010: Consultant for WHO "Project to improve the quality of maternal and neonatal care in Gaza Strip"

### ***Publications***

Author of 200 scientific papers ( 30 on international, 170 on national journal).

Paper selection:

Pelizzo G, Codrich D, Zennaro F, D'Ottavio G: Prenatal detection of the cystic form of meconium peritonitis: no issues for delayed postnatal surgery  
*Pediatr Surg Int.* 2008 Sep;24(9):1061-5

Donato M, Borin E, D'Ottavio G et al Biochemical screenings in twin medically treated pregnancies: assessment of trisomy and prothrombotic risk. *Minerva Ginecologica* 2008 Jun 60 (3) 263-4

Lenzini E, D'Ottavio G, Città A et al Prenatal diagnosis of Mieller Dieker Syndrome by ultrasound and molecular and cytogenetic analysis. *Clin Genet* 2007 Nov; 72(5):487-9

Stefania Zoia, Laura Blason, Giuseppina D'Ottavio, Maria Bulgheroni, U. Castiello  
Early development of action planning in the human fetus: A kinematic study  
*Experimental Brain Research* 2007 Jan

Pelizzo G, Maso G, Dell'Oste C, D'Ottavio G: Giant omphaloceles with a small abdominal defect: prenatal diagnosis and neonatal management

*Ultrasound Obstet Gynecol.* 2005 Dec;26(7):786-8

Maso G, D'Ottavio G, De Seta F et al.: First trimestre intrauterine hematoma and outcome of pregnancy, *Obstet Gynecol* 2005 Feb; 105(2):339-44

Conoscenti G, Meir YJ, D'ottavio G et al: Does cervical length at 13-15 weeks gestation predict preterm delivery in an unselected population? *Ultrasound Obstet Gynecol* 2003 Feb 21(2):128-34

Mandruzzato G, Fischer Tamato L, G. D'Ottavio et al: Does amniotic fluid AFP have diagnostic or prognostic value at the time of second midtrimestre genetic amniocentesis? *Fetal Diagn Ther.* 2002 May-Jun;17(3):147-52

Mandruzzato, G D'Ottavio and JM Carrera Principle and Techniques of Fetal Ultrasound Biometry. In *Ultrasound and fetal growth* Eds JM Carrera, GP Mandruzzato and K Maeda. The Parthenon Publishing Group pagg 7-15, 2001

Rustico MA, Benettoni A, D'Ottavio G et al: Early screening for fetal cardiac anomalies by transvaginal echocardiography in an unselected population: the role of operator experience. *Ultrasound Obstet Gynecol* 2000 Dec 16(7):614-9

G D'Ottavio, L Paduano, MA Rustico, et al: Borderline urinary tract malformations. *Ultrasound Obstet. Gynecol.* 16 (S1): 6, 2000.

Salvelat ML, D'Ottavio G, Pensiero S et al: Prenatal sonographic detection of a bilateral dacryocystocele. *J Pediatr Ophthalmol Strabismus.* 1999 Sept-Oct;36(5):295-7

G.D'Ottavio, L.Paduano, M.A.Rustico et al: Fetal pyelectasis: definition, significance and outcome. In: "The Fetus as a Patient - Advances in Diagnosis and Therapy", Parthenon Publ. Group, Section 1, p.58, 1999

D'Ottavio G, Mandruzzato G. Meir YJ et al: Comparison of first and second trimestre screening for fetal anomalies. *Ann NY Acad Sci.* 1998 Jun 18;847:200-9

Mandruzzato G, Meir YJ, D'Ottavio G. Dawes G et al: Computerised evaluation of fetal heart rate in post-term fetuses: long term variation. *Br J Obstet Gynaecol.* 1998 Mar;105(3):356-9

### **Congress**

Organizer of scientific congresses and courses in Italy . Invited speaker at 150 national and international scientific meetings

### **Ongoing Research Projects**

**Project title:** Combining biochemical and ultrasonographic markers in predicting preeclampsia: correlation with fetal and maternal outcomes

**Source:** 60%, Institute of Child Health IRCCS, Burlo Garofolo, Trieste, Italy

**Major goals:** Improvement of the performance of early prediction of preeclampsia by combinations of biochemical and ultrasonographic markers

**Dates** of approved/proposed project: 2007

**Project title:** Genetic and malformative risk associated to the techniques of fertilization in vitro(IVF): based comparative prospective study on the genetic and ultrasound analysis of fetuses conceived with IVF and spontaneously.

**Source:** Multicentric project. 50% University of Trieste .

1) Dept Obstetrics and Gynaecology , Medical Genetics Institute, Child Health IRCCS, Burlo Garofolo, Italy

2) Centre Hospitalier Universitaire Cochin-Saint Vincent de Paul Service de Gynécologie et Ostétrique II et Médecine de la Reproduction - Centre Hospitalier Universitaire Cochin-Saint Vincent de Paul, Paris (FRANCE)

3) Department of Obstetrics and Gynecology, Division of Maternal Fetal Medicine, Jefferson Medical College of Thomas Jefferson University, 834 Chestnut Street, Suite 400 Philadelphia, PA 19107 (USA)

**Dates** of proposed/approved project: 2009